

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Miller et al.

Application No. 09/629,557

Filed: July 31, 2000

For: METHODS FOR PREDICTING THE
BIOLOGICAL, CHEMICAL, PHYSICAL
PROPERTIES OF MOLECULES FROM THEIR
SPECTRAL PROPERTIES

Examiner: Allen, M.

Date: October 31, 2001

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Art Unit: 1631

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on October 31, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

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RESPONSE TO RESTRICTION REQUIREMENT

This amendment is submitted in response to the Restriction Requirement dated October 1, 2001. A one-month period for reply was set, making a response due by November 1, 2001.

Applicants provisionally elect to prosecute Group I, drawn to methods of predicting the biological activity of a molecule, and a corresponding computer implemented system. However, applicants traverse the restriction requirement and request that it be withdrawn in view of the following amendments and remarks. Applicants reserve the right to prosecute each of Groups I-VII in divisional applications should the Examiner maintain the present restriction requirements.

Please amend the application as follows:

In the Claims

Please add the following new claim 65.

Rule 1.126 65.66. The method of claim 1, further comprising:

BI SUB 13
comparing the spectral data of the test compound to a pattern of spectral data associated with a chemical or physical property, derived not exclusively from the assigned spectral data of a training set of compounds having a known chemical or physical property; and